

WATTLE

Acacias of Australia

Acacia macradenia Benth.



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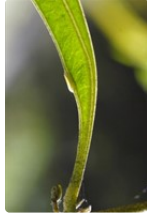
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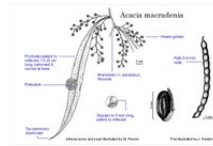
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Acacia macradenia occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Common Name

Zig-zag Wattle

Family

Fabaceae

Distribution

Widespread in south-eastern Qld from Clermont to Surat with a northern outlier at Torrens Creek, NE of Hughenden.

Description

Shrub or tree 3–5 m high. Branchlets pendulous to subpendulous, flexuose, glabrous. Stipules to 5 mm long, reflexed, indurate at maturity. Phyllodes patent to reflexed, narrowly elliptic to ±narrowly oblong, 13–25 cm long, (0.8–) 1–2.5 (–5) cm wide, narrowed and curved at base, commonly acuminate, glabrous; midrib prominent and contiguous with abaxial margin near base; lateral nerves diverging widely from midrib and anastomosing; gland 0–10 (–15) mm above pulvinus, elongate, sometimes with 1 or 2 additional smaller glands above middle. Inflorescences 8–15-headed racemes, prolific in upper axils; raceme axes 2–5 cm long, glabrous; peduncles 3–6 mm long, ±glabrous; heads globular, densely 35–50-flowered, golden. Flowers 5-merous; sepals c. 3/4-united. Pods to 12 cm long, 5–6 mm wide, thinly coriaceous, glabrous. Seeds longitudinal, ±oblong, c. 4 mm long; funicle-aril about as long as seed.

Habitat

Grows in stony and sandy soil, often near creeks, in woodland or sometimes vine thicket.

Specimens

Qld: 34.9 km along highway from Morven to Roma, *N.Hall 82/18* (NSW, PERTH); Blackdown Tableland, 19 km SSE of Bluff, *R.W.Johnson 1013* (BRI); Alpha-Tambo, *J. & M.Simmons 1103* (PERTH).

Notes

A decorative species, common in cultivation in eastern Australia.

Hybrids between *A. macradenia* and *A. bancroftiorum* are noted by L.Pedley, *Austrobaileya* 1: 95 (1978) and 1: 275 (1979). These hybrids resemble *A. holotricha*, an uncommon species distinguished by its overall denser indumentum. Hybrids between *A. macradenia* and *A. fimbriata* are known in cultivation (e.g. *B.R.Maslin 6094*, PERTH).

The pods and seeds described by G.Bentham, *Fl. Austral.* 2: 362 (1864) under *A. macradenia* are those of *A. fasciculifera*, *vide* F.J.H. von Mueller, *S. Sci. Rec.* 2(7): 150 (1882).

FOA Reference

Data derived from *Flora of Australia* Volumes 11A (2001), 11B (2001) and 12 (1998), products of ABRS, ©Commonwealth of Australia

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Minor edits by J.Rogers

This identification key and fact sheets are available as a mobile application:



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Australian
Biological
Resources
Study



URL: <https://keys.lucidcentral.org/keys/v3/wattle>
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